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VPCF233FX/B

Get an immersive viewing experience with images so realistic you feel like you are part of the action. The latest version of the F series laptop was built with the multimedia enthusiast in mind. Imagination Studio™ Multimedia Edition is included with three powerful Sony® applications Vegas®, ACID®, and Sound Forge® software so you can create music and movies like never before. With a large screen for game playing and movie watching and a seamless speaker bar with mind-blowing sound, and a pre-programmed Function F1 key that allows you to turn off the touch pad while gaming, the Sony engineers considered every detail.

Imagine what you can do

Imagination Studio™ Multimedia Edition includes three powerful Sony® applications Vegas®, ACID®, and Sound Forge® software so you can create music and movies like never before.

Intel® Core™ i7 Processor technology

Tackle everything multimedia with warp speed and responsiveness. Featuring a top-of-the-line 2nd generation Intel® Core™ i7 quad core processor, NVIDIA® graphics, Blu-ray Disc™ drive, and the 640GB[4] 7200rpm hard drive, this laptop packs serious firepower. Pick an application—it'll handle it with ease. Editing HD video? No problem.

Work hard, play harder.

Measuring an impressive 16.4" and sporting a cinema-inspired 16:9 aspect ratio, the 1920 X 1080 Full HD resolution widescreen display lets you view your games and movies in impeccable detail with amazing color and contrast from virtually any angle. And with the anti-glare coating, you can even enjoy your PC in the sunlight.

Fusing cutting-edge technologies in an elegant design, the NVIDIA® GeForce® GT 540M (1GB VRAM) dedicated graphics delivers the best viewing experience in Full HD 1080p. Get an immersive viewing experience with images so realistic you feel like you are part of the action.

The F Series is loaded for all-out performance with a Quad Core Intel® Core™ i7 processor, dedicated 1GB NVIDIA® GeForce® graphics. Experience full-impact surround sound anywhere with Dolby® Home Theater® technology on your PC combined with Bass-Reflex speakers built-in seamlessly into a forward facing speaker bar to give you the best sound right out of the box. Sporting a cinema-inspired 16:9 aspect ratio, the 1920 X 1080 Full HD resolution widescreen display lets you view your games and Blu-ray movies in impeccable detail with amazing color and contrast from virtually any angle.

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Specifications

Processor	
Processor Type	Intel® Core™ i7-2670QM
Processor Technology	Quad Core
Processor Speed	2.20GHz[1] with Intel® Turbo Boost Technology up to 3.10GHz[2]
Processor Cache	6MB
Display	
Screen Size	16.4"
Resolution	1920 x 1080
Display Technology	Full HD
Backlight Technology	LED
Memory	
Installed Memory	4GB (4GB x 1)
Memory Type/ Speed	DDR3/1333MHz
Max. Memory	8GB
Graphics	
Graphics Processor	NVIDIA® GeForce® GT 540M
Graphics Video RAM	1GB dedicated[5]
Storage	
Storage Type	Serial ATA
Storage Capacity	640GB[4]
Storage Technology	7200rpm
Optical Drive	
Optical Drive Type	Blu-ray Disc™ Player
Optical Drive Support - Blu-ray Disc™	Read Only
Optical Drive Support - CD/DVD	Read / Write
Hardware	
Camera	Built-in HD web camera powered by Exmor™ sensor and microphone
Keyboard	QWERTY, 103 keys with 1.7mm stroke and 19.05mm pitch
10-Key Numeric Pad	Yes
Backlit Keyboard	Yes
Audio	
Sound System	Intel® High Definition Audio with S-FORCE™ Front Surround 3D and Dolby® Home Theater® Technology v4
Inputs and Outputs	
DC-In	1
USB 3.0	2
USB 2.0	1
VGA Output(s)	1
Headphone Output	1
Microphone Input	1
Secure Digital (SD) Slot	1
HDMI® Output(s)	1
Memory Stick Duo™	1
Wireless/Networking	
Bluetooth® Technology	Bluetooth Integrated Stereo A2DP (2.1 + EDR)
Ethernet Protocol	1000BASE-T/100BASE-TX/10BASE-T
WiFi Adapter	Atheros® 802.11b/g/n
Software	
Operating System	Genuine Windows® 7 Home Premium with Service Pack 1 64-bit
Supplied Software	Microsoft® Office Starter with reduced-functionality versions of Word and Excel®[6], VAIO Care™, Media Gallery™, PMB - VAIO Edition
Anti-Virus Software	Norton Internet Security™ 2012 30-Day Trial Offer[11]
Sony Creative Software	Vegas® Movie Studio HD Platinum 10.0, ACID® Music Studio 8.0, Sound Forge® Audio Studio 10.0
Service and Warranty Information	
Toll-Free Phone Support	888-476-6972[7]
Onsite/In-Home Service	Yes[12]
International Service	Yes[26]
Limited Warranty Term	1 Year
Priority Phone Support	239-768-7605[7]
Environmental Information	
ENERGY STAR®	5.0
EPEAT™	Gold
ROHS®	Compliant
Weights and Measurements	
Dimensions (Approx.)	15.69" (W) x 1.31" - 1.70" (H) x 10.69" (D)
Weight (Approx.)	6.85 lbs. (with Standard Battery)
Power	
Battery Type	Standard Lithium Ion Battery (5000mAh)
DVD Playback	Up to 2 hours 50 minutes[9]
Default Brightness	Up to 4 hours 30 minutes[9]
Maximum Brightness	Up to 3 hours 30 minutes[9]
General	
Action Buttons	VAIO, ASSIST, WEB, Play/ Pause, Stop, Next, Previous, Wireless On/ Off
Pointing Device	Touchpad (Gesture supported)
Accessories	
Supplied Accessories	Standard Lithium Ion Battery (5000mAh), AC Adapter, Power Cord
Colors	
Color	Matte Black

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.
2. Requires a system with Intel® Turbo Boost Technology capability. Intel Turbo Boost Technology 2.0 is available only on 2nd generation Intel® Core™ i5 and Core™ i7 processors. Performance varies depending on hardware, software and system configuration.
4. 1 GB = one billion bytes. Actual formatted capacity will be less.
5. Allocation of system memory to graphics varies depending on operating condition, version of device driver and total system memory size.
6. Microsoft® Office Starter: reduced-functionality Word and Excel® only, with advertising. No PowerPoint® or Outlook®.
7. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.
9. Estimates based on Sony engineering. Actual performance may vary considerably based on hardware configuration, software, power management settings, environmental conditions, wireless connectivity and other factors. Maximum battery capacity will normally decrease with time and use.
11. Norton™ Internet Security 2012 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Norton Internet Security to continue to be protected from viruses, hackers and identity theft.
12. Availability may be limited. See limited warranty for details.
26. Not all models applicable. Registration required. See www.sony.com/IRSP for details. Specifications subject to change. Non-metric weights and measures are approximate. Certain Microsoft products included with this computer may use technological measures for copy protection. IN SUCH EVENT, YOU WILL NOT BE ABLE TO USE THE PRODUCT IF YOU DO NOT FULLY COMPLY WITH THE PRODUCT ACTIVATION PROCEDURES. Product activation procedures and Microsoft's privacy policy will be detailed during initial launch of the product, or upon certain reinstallations of the software product(s) or reconfigurations of the computer and may be completed by Internet or telephone (toll charges may apply).

This product meets the standards of the International Energy Star Program for energy efficiency.
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Certain restrictions apply. See www.sonystyle.com/pcwarranty for more information.
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